



PATENT  
Attorney Docket No.: INTEL/16652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : TOWLE et al.

U.S. Serial No. : 10/664,475

Filed : September 17, 2003

Title : METHODS AND  
APPARATUS TO  
OPTICALLY COUPLE AN  
OPTOELECTRONIC CHIP  
TO A WAVEGUIDE

Assignee : Intel Corporation

Art Unit : 2811

Examiner : Quang D. Vu

- ) I hereby certify that this paper  
) (and/or fee) is being deposited with  
) the United States Postal Service as  
) first class mail in an envelope  
) addressed to Mail Stop Amendment,  
) Commissioner for Patents, P.O. Box  
) 1450, Alexandria, VA 22313-1450  
) on this date:  
)  
) Dated: July 21, 2004  
)  
)  
)  
) James A. Flight  
) Registration No. 37,622  
)

**RESPONSE TO THE OFFICE ACTION DATED JUNE 25, 2004**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Please enter the following amendments and consider the following remarks.

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

IFW



PATENT  
INTEL/16652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Towle et al. ) Title: "Methods and Apparatus to Optically  
Serial No: 10/664,475 ) Couple an Optoelectronic Chip to a  
Filed: September 17, 2003 ) Waveguide"  
Assignee: Intel Corporation )  
                                ) Group Art Unit: 2811  
                                ) Examiner: Quang D. Vu  
                                )

**AMENDMENT TRANSMITTAL**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is a response to the Office action pending in the above application.

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**CERTIFICATE OF MAILING (37 CFR 1.8)**

I hereby certify that this paper and the documents referred to as enclosed therewith are being deposited with the United States Postal Service as first class mail, postage prepaid, on July 21, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

A handwritten signature in black ink, appearing to read "James A. Flight", is written over a solid horizontal line. Below the signature, the name "James A. Flight" is printed in a smaller, standard font.

**1. Small Entity Status**

- Verified statement(s) claiming small entity status is(are) attached.
- Small entity status has been established and is still effective.
- Has not been established.

**2. Fee for Claims**

- The fee for additional claims [(37 CFR 1.16(b)-(d)] has been calculated as shown below:

				SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Additional Fee	Rate	Additional Fee
TOTAL	25	MINUS	44	= 0	X 9=	\$	X18= \$0.00
INDEP.	4	MINUS	7	= 0	X43=	\$	X86= \$0.00
First Presentation of Multiple Dependent Claim				+145=	\$	+290=	\$
<b>TOTAL ADDITIONAL FEE</b>					\$	<b>OR</b>	<b>\$0.00</b>

**3. Method of Payment of Fees**

- Attached is a check in the amount of: \$ \_\_\_\_\_
- Charge Deposit Account No. 50-2455 in the amount of: \$ \_\_\_\_\_

A copy of this Transmittal is enclosed.

**4. Deposit Account and Refund Authorization**

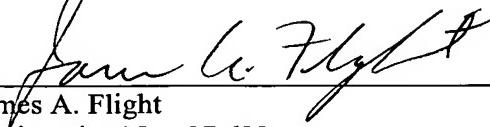
The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 1.17 to Deposit Account No. 50-2455. A copy of this Transmittal is enclosed.

Please refund any overpayment to Grossman & Flight, LLC at the address below.

Respectfully submitted,

GROSSMAN & FLIGHT, LLC  
20 North Wacker Drive  
Suite 4220  
Chicago, Illinois 60606  
(312) 589-1020

By:

  
\_\_\_\_\_  
James A. Flight  
Registration No.: 37,622

July 21, 2004

Attorneys for Intel Corporation